REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-22 are pending in the present application with claims 1, 3, 6, 7, 9 and 13 having been amended by the present amendment.

In the outstanding Office Action, the drawings were objected to; and claims 1-22 were rejected under 35 U.S.C. § 103(a) as unpatentable over Coley et al. in view of Gupta et al. and Nagar et al.

Regarding the objection to the drawings, the Office Action indicates Figure 1 should be designated with a label "Prior Art." However, it is respectfully noted Figure 1 already includes the label "Background Art." Accordingly, it is respectfully requested the objection to the drawings be withdrawn.

Claims 1-22 stand rejected under 35 U.S.C. § 103(a) as unpatentable over Coley et al in view of Gupta et al. and Nagar et al. This rejection is respectfully traversed.

Independent claim 1 is directed to a protective device for internal resource protection in a network including a firewall between an internal network and an external network, to selectively perform a disconnection function for an access request to the external network from the internal network. Also included is a FTP proxy to perform an authentication function for an access request from the internal network to the external network and to record copies of data transmitted to the external network and log information related to the

transmission of data by an authenticated user, a file system to store data transmitted from the

internal network to the external network according to the control of the FTP proxy, and a

database to store log information related to the transmission of data according to the control

of the FTP proxy. Independent claims 5 and 14 include similar features in a varying scope.

As noted in the background of the related art, a general firewall protects internal

network resources by determining whether or not a connection is permitted upon receipt of

a connection request for an internal network from an external user. However, the protective

function is relatively weak when an important resource is provided to an external network by

an internal user (see page 4, paragraph [15]). That is, on the basis of the firewall, most

internal users are authorized users, and externals users are unauthorized users. Thus,

considering that the firewall performs a function of monitoring internal resources is greatly

loaded, the protective function of the FTP proxy of the firewall has a problem that it has no

particular protective means when an internal user accesses the outside by using a FTP service

(see page 5, paragraph [16]).

Accordingly, the present invention provides a firewall between an internal network

and an external network to selectively perform disconnection function for an access request

to the external network from the internal network. The protective device also includes a

FTP proxy to perform an authentication function for an access request from the internal

network to the external network. Copies of the data transmitted to the external network and

log information related to the transmission of data by the authenticated user are recorded.

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Regarding independent claim 1, the Office Action indicates Coley et al. teach the claimed invention and cites primarily Figure 3 and the corresponding description. However, it is respectfully noted the firewall in Coley et al. is similar to the firewall described in the background of the related art. That is, the firewall 318 in Figure 3 of Coley et al. is for preventing access from external users to the internal network 328. Coley et al. only discuss receiving incoming access requests from the external network to the internal network (see column 7, lines 16-19, column 8, lines 51-53, column 8, lines 65 and 66 and column 10, lines 46-48, for example). Coley et al. does not teach or suggest the claimed firewall to selectively perform a disconnection function for an access request to the external network from the internal network or the claimed FTP proxy for performing an authentication function for an access request from the internal network to the external network. Nagar et al. and Gupta et al. also do not or suggest these features.

Accordingly, it is respectfully submitted that independent claims 1, 5 and 14, and each of the claims depending therefrom are allowable.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is

invited to contact the undersigned attorney, **David A. Bilodeau**, at the telephone number

listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is

hereby made. Please charge any shortage in fees due in connection with the filing of this,

concurrent and future replies, including extension of time fees, to Deposit Account 16-0607

and please credit any excess fees to such deposit account.

Respectfully submitted,
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